



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of  
Inventor(s): Mills

Group Art Unit: 1754

App'n Ser. No.: 09/110,694

Examiner(s): Kalafut for the  
*Secret Committee*

Filing Date: 07/07/1998

Title: REACTOR FOR PREPARING HYDROGEN COMPOUNDS

\* \* \* \* \*

August 9, 2004

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached are PTO/SB/O8B forms listing the enclosed documents. Copies of the enclosed documents are attached to this Information Disclosure Statement and/or to the Attachments to the Response filed herewith.

If necessary, please accept this Information Disclosure Statement under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-0687 under Order No. 27462/62-226 for which purposes this paper is submitted in duplicate.

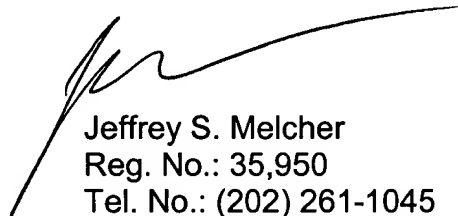
This information disclosure statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully. Consideration of the foregoing and enclosures plus the return of a copy of the herewith PTO/SB/08A and B forms with the

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Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

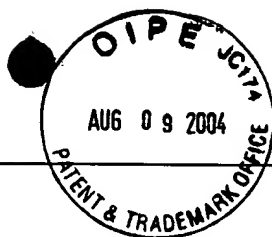
Respectfully submitted,  
Manelli Denison & Selter PLLC

By

A handwritten signature in black ink, appearing to read 'Jeffrey S. Melcher', is written over a horizontal line.

Jeffrey S. Melcher  
Reg. No.: 35,950  
Tel. No.: (202) 261-1045  
Fax. No.: (202) 887-0336

Customer No. 20736



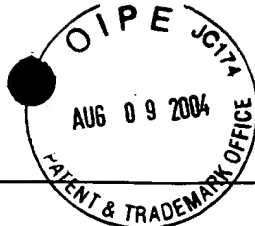
PTO/SB/08B (Modified)

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>			
		Application Number	09/110,694		
		Filing Date	07/07/1998		
		First Named Inventor	Mills		
		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	1	of	2	Attorney Docket Number	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	58	R. L. Mills, "Classical Quantum Mechanics," Physics Essays, submitted. ( <i>Web Publication Date: May 23, 2002.</i> )	
	60	R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Synthesis of HDLC Films from S Carbon," Journal of Material Science, Vol. 39, (2004), pp. 3309–3318. ( <i>Web Publication Date: May 3, 2002.</i> )	
	81	R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalvsts." European Physical Journal: Applied Physics. submitted. ( <i>Web Publication Date: May 3, 2002.</i> )	
	88	R. Mills, J. Sankar, A. Voigt, J. He, P. Ray, B. Dhandapani, "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, in preparation.	
	94	R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essay 94, submitted. ( <i>Web Publication Date: Aug. 6, 2003.</i> )	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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	101	R. L. Mills, Y. Lu, Nansteel, J. He, A. Voigt, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Chemistry of Solid, Liquid, and Gaseous Fuels, 227 <sup>th</sup> American Chemical Society National Meeting, March 28-April 1, 2004, Anaheim, CA. Attachment 101	
	102	R. L. Mills, "Exact Classical Quantum Mechanical Solutions for One- through Twenty-Electron Atoms," Phys. Essays, submitted. ( <i>Web Publication Date: April 22, 2004.</i> )	
	103	R. L. Mills, Dhandapani, W. Good, J. He, "New States of Hydrogen Isolated from K <sub>2</sub> CO <sub>3</sub> Electrolysis Gases," Journal of Electroanalytical Chemistry, submitted. ( <i>Web Publication Date: April 28, 2004.</i> )	
	104	R. L. Mills, Y. Lu, M. Nansteel, J. He, A. Voigt, W. Good, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Division of Fuel Chemistry, Session: Advances in Hydrogen Energy, 228 <sup>th</sup> American Chemical Society National Meeting, August 22–26, 2004, Philadelphia, PA.	
	105	J. Phillips, C. K. Chen, R. L. Mills, "Evidence of Catalytic Production of Hot Hydrogen in RF-Generated Hydrogen/Argon Plasmas," IEEE Transactions on Plasma Science, submitted.	
	106	R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium Which Pre-Conjugate Parameters from a Unique Solution for the First Time," submitted. ( <i>Publication Date: July 30, 2004.</i> )	
	107	R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," submitted. ( <i>Web Publication Date: August 6, 2004.</i> )	

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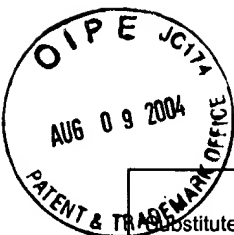
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		Letter from Shelby T. Brewer to The Honorable James E. Rogan, December 21, 2001 and PTO response from Jason C. Roe, April 24, 2002 (see Attachment A)	
		PARK, "Patent Nonsense, Court Denies Blacklight Power Appeal", <i>What's New</i> , September 6, 2002, <a href="http://www.aps.org.WN/WN02/wn090602.html">www.aps.org.WN/WN02/wn090602.html</a> (see Attachment C)	
		RANDI, "Houdini and the Rabbi, The Patent Office Again, A Perpetual Motion/Emotion Car Breaks Down...", <i>Swift</i> , September 20, 2002, <a href="http://www.randi.org/jr/092002.html">www.randi.org/jr/092002.html</a> (see Attachment C)	
		VOSS, "'New Physics' Finds a Haven At the Patent Office", <i>Science</i> , Vol. 284, pp. 1252-1254, May 21, 1999 (see Attachment D)	
		PTO Memorandum For All Employees: Media Contact Policy from Acting Assistant Secretary of Commerce and Acting Commissioner of patents and Trademarks, June 22, 1999	
		Letter from Jeffrey S. Melcher to Ms. Esther Keplinger, February 28, 2000 (see Attachment G)	
		Internet Discussion Forum, "Two Brand New Papers out at BLP's "What's New" page," message No. 7191 on Hydrino Study Group, <a href="http://groups.yahoo.com/group/hyrino/message/7191">http://groups.yahoo.com/group/hyrino/message/7191</a> , September 27, 2003 (see Attachment H)	
		Internet Discussion Forum, "Even Skeptics can lose Objectivity," message No. 7410 on Hydrino Study Group, <a href="http://groups.yahoo.com/group/hyrino/message/7410">http://groups.yahoo.com/group/hyrino/message/7410</a> , October 27, 2003 (see Attachment H)	

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		Internet Discussion Forum, "Two Competing Views of Reality Engage in a Battle for Total Control of Our Physics Paradigm", <i>Hydrino Study Group</i> , <a href="http://www.hydrino.org">http://www.hydrino.org</a> (see Attachment H)	
		Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Tom Stolper, November 10, 2003 (see Attachment H)	
		Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Peter Zimmerman and Tom Stolper, October 29, 2003 (see Attachment H)	
		Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Tom Stolper, October 28, 2003 (see Attachment H)	
		Internet Discussion Forum, "HSG: Even skeptics can lose objectivity", Transcript from Steve Menton, October 26, 2003 (see Attachment H)	
		Internet Discussion Forum, "HSG: Zimmerman's Insincere Questions", Transcript from Peter Zimmerman and Steve Menton, September 25, 2003 (see Attachment H)	
		Internet Discussion Forum, "Re: Re: Zero Electrostatic Self-Interaction Justified", Transcript from Peter Zimmerman, May 22, 2003 <a href="http://groups.yahoo.com/group/hydrino/message/6052">http://groups.yahoo.com/group/hydrino/message/6052</a> (see Attachment H)	
		Internet Discussion Forum, "HSG: Re: Bool Review by Dr. John Farrell", Transcript from Peter Zimmerman, February 23, 2004 (see Attachment H)	
		"Regarding PZ's Departing Post", includes many public posts on hydrino study group. pp 1-75 (see Attachment I)	
		PARK, "Perpetual Motion: Still Going Around", Special to the Washington Post, January 12, 2000, Page H03 (see Attachment J)	
		Letter from Jeffrey S. Melcher to Ms. Esther Kepplinger with Attachments A-E, January 19, 2001(see Attachment K)	
		PLATT, "Testing the Current", The Washington Post, June 25, 2000, Page X05 (see Attachment M)	
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		USPTO Communication re Interview scheduled for February 21, 2003, February 12, 2001(see Attachment N)	
		Letter from Senator Ron Wyden to The Honorable Todd Q. Dickinson with attachments, April 5, 2000 (see Attachment O)	
		Letter from Senator Robert G. Torricelli to Nicholas P. Godici with attachments, July 20, 2001(see Attachment O)	
		Letter from Senator Jon S. Corzine to The Honorable Todd Q. Dickinson with attachments, August 2, 2001 (see Attachment O)	
		Letter from Senator Max Cleland to Ms. Jane Cooksey with attachments, March 24, 2000 (see Attachment O)	
		Letter from Senators Max Cleland and Ron Wyden to Chairman Patrick Leahy, December 20, 2001 (see Attachment O)	
		Letter from Senators Max Cleland and Ron Wyden to The Honorable Donald L. Evans, December 20, 2001 (see Attachment O)	
		Letter from Senators Jon S. Corzine and Robert G. Torricelli to The Honorable Donald L. Evans, December 21, 2001 (see Attachment O)	
		Email re Interview Summary from Jeffrey Simenauer to Ted Liu, February 13, 2003 (see Attachment P)	
		"APS E-Board Pases Resolution on Perpetual Motion Machines", APS NEWS ONLINE, August/September 2002, <a href="http://www.eps.org/aps/apsnews/0802/080212.html">http://www.eps.org/aps/apsnews/0802/080212.html</a> (see Attachment Q)	
		Letter from Elizabeth Barlow to John Allen, March 17, 2004 (see Attachment R)	
		Letters from John Allen to Office of Counsel, US Department of Commerce with attachments, May 12, 2003, June 7, 2003, and March 10, 2004 (see Attachment R)	
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